

1 **ABSTRACT**

2       The following system and procedure for specifying an extended  
3 configuration descriptor includes a USB device that responds to device requests  
4 from a host. In response to receiving a host-specific device request that specifies a  
5 predetermined index, the USB device returns an extended configuration descriptor  
6 to the requestor. The extended configuration descriptor includes information that  
7 can be used by the requestor to control the USB device. When the USB device is  
8 a composite device, the extended configuration descriptor includes function  
9 information corresponding to a plurality of sub-devices. Each function comprises  
10 one or more interfaces.